| Ind | ex of | Claims | ; |
|-----|-------|--------|---|
| | | | |

| _ | Application No. | Applicant(s) | | | | | | |
|---|-----------------|-------------------|---|--|--|--|--|--|
| | 08/196,154 | LIVINGSTON ET AL. | | | | | | |
| | Examiner | Art Unit | , | | | | | |
| | Anne Holleran | 1642 | | | | | | |

| Rejected | _ | (Through numeral) Cancelled |
|----------|---|--------------------------------|
| Allowed | + | Restricted |

| N | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | | | | | | Į | | | |
|-------|----------|----------|---|---|----------|--------------------|----------|----------|----------|----------|---|
| | | | | | | | | | | | |
| Cla | aim | Date | | | | | | | | | |
| Final | Original | | | | | | | | | | |
| | 1 2 3 | | | | | | | | | | |
| | 2 | | | | | | | | | \Box | |
| | 3 | | | | | | | | | _ | |
| | 4 5 | | | _ | | | \Box | | | _ | |
| | 5 | | | | | | | | | _ | |
| | 6 | | | | | _ | | | | _ | |
| | 7 | | _ | | | \Box | | | | _ | |
| | 8 | | _ | _ | | | | _ | | | |
| | 9 | | _ | | | | | | | | |
| | 10 | | | | | | | | | | |
| | 11 | | | | | | | | | | |
| | 12 13 | | _ | | | | | | | | |
| | 13 | | _ | | | _ | _ | | \vdash | | |
| | 14 | | _ | | | | | | | \dashv | |
| | 15 | | _ | | | | | _ | | \dashv | |
| | 16 | | _ | | | | | _ | | \dashv | |
| | 17 | - | | | | | | | Н | -i | |
| | 18 19 | - | _ | | | | | | _ | _ | |
| | 19 | \vdash | | | _ | | | - | | | |
| | 20 21 | | | | | _ | - | | | \vdash | |
| | 22 | | | | | _ | \vdash | | H | | |
| | 22 | | | | - | <u> </u> | - | | H | | |
| | 23 24 | | | | | | | | | | |
| | 25 | | | _ | H | | \vdash | | _ | | |
| | 26 | | | | - | | \vdash | | - | | |
| | 27 | H | | | | <u> </u> | | | | | |
| | 28 | | | | ┢ | | | | | | |
| | 29 | | | - | | ┢ | | | | | |
| | 30 | | | | | | | | | | |
| | 31 | | | | | | | | | _ | |
| | 31 32 | | | - | | | | | T | | l |
| | 33 | | | - | | | | \vdash | Г | | l |
| | 34 | | | | | | | \vdash | | | |
| - | 35 | | | | | | | | | | ĺ |
| | 36 | | | | | - | Т | | | | 1 |
| | 36 37 | | _ | _ | | | | | | <u> </u> | 1 |
| | 38 | | | | | | | | | | 1 |
| | 39 | | | | | | | | | | 1 |
| | 40 | | П | | | | | | | | |
| | 41 | | | | | | | | | | |
| | 42 | | | | | | | | | | |
| | 43 | | | | | | | | | | |
| | 44 | | L | Ĺ | | | | | | | |
| | 45 | L^- | | | | | L | | \Box | | |
| | 46 | | | | | | L | | \Box | | |
| | 47 | | | | | Ĺ | | | L . | | |
| - | 48 | | | L | | | | | ot | ļ | 1 |
| | 49 | | | | <u> </u> | $oxedsymbol{oxed}$ | | | L | | |
| | 50 | 1 | _ | | 1 | |] | l | I | l | 1 |

| Cla | nim | _ | _ | | _ | Date | | | - | |
|----------|--|----------|------------|--------------|----------|----------------|----------------|----------|----------|----------------|
| - C.E | | | | | T | | | \neg | ${T}$ | - |
| Final | Original | | | | | | | | | |
| | 51 | | | | | | | | | |
| | 52 53 54 55 56 | | | | | | | | | |
| i | 53 | | | | | | | | 1 | |
| | 54 | | | | | | | | \Box | |
| | 55 | | | | | | | | | |
| | 56 | | | | | | | | | |
| | 57 | | | | | | | | | |
| | 58 59 | | | | | | | | | |
| | 59 | | | | _ | | | | | |
| | 60 61 | | | | | | | | | |
| | 61 | | | | | | | | | |
| | 62 | | | | L | | | | | _ |
| | 63 | | | | | | | | | ļ |
| | 64 65 | | | L | ļ | _ | | | | |
| | 65 | | | | | | | | | |
| ļ | 66 67 | | | | L | | | | | _ |
| | 67 | | <u> </u> | | | | | | | |
| | 68 | | Ĺ | | | <u> </u> | | | <u> </u> | |
| | 69 | L | | L | | | | | | |
| | 70 | | | | | | | | | |
| | 71 | | | | <u> </u> | | | | _ | |
| | 72 | <u></u> | | L_ | | | | _ | | |
| | 73 | | L | <u> </u> | _ | | | L | | |
| | 74 | | <u>L</u> . | <u> </u> | Ļ | Ĺ | | _ | | |
| | 75 | <u> </u> | | _ | L | L_ | ļ., | _ | L | |
| | 71 72 73 74 75 76 77 | | _ | | | | | _ | | _ |
| | 77 | | <u> </u> | <u> </u> | | L | | | | _ |
| | 78 | | _ | ┡ | ļ | | _ | <u> </u> | _ | |
| | 79 | - | | ┞ | | | _ | | ļ | <u> </u> |
| | 80 | <u> </u> | _ | ╙ | | ļ | ⊢ | | ļ | |
| | 81 | ļ | | ┡ | _ | L | | | ļ | ļ |
| | 82 83 | <u> </u> | | <u> </u> | | ⊢ | | | <u> </u> | |
| | 83 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | | |
| <u></u> | 84 | ┡ | | ├ | | | <u> </u> | | | |
| ļ | 85 | ↓ | ├ — | <u> </u> | <u> </u> | - | - | \vdash | | ļ |
| | 86 | ⊢ | ┝ | ļ | ┢ | _ | | <u> </u> | | |
| <u> </u> | 87 | - | | 1 | <u> </u> | - | <u> </u> | ļ.— | | - |
| | 88 | - | | ╁ | ├ | | ├ | <u> </u> | - | <u> </u> |
| <u> </u> | 89 | ├- | ⊢ | ┢ | <u> </u> | ╀ | <u> </u> | ├ | | — |
| <u> </u> | 90 | - | - | ╁ | | - | - | <u> </u> | - | ├ |
| | 91 | 1 | | ┢ | ļ | - | - | \vdash | - | ┝ |
| | 92 | - | \vdash | ┼- | ├- | 1 | - | - | | \vdash |
| | 93 | - | \vdash | - | ├ | \vdash | \vdash | | | |
| | 94 | - | ├ | | - | ┼ | - | \vdash | \vdash | - |
| | 95 | _ | ├ | \vdash | ₽- | - | - | - | | H |
| | 96 | ₩ | _ | 1- | ₩ | | | <u> </u> | | ├- |
| | 97 | | ├ | \vdash | ├- | \vdash | \vdash | <u> </u> | | - |
| | 98 | | \vdash | 1 | - | 1 | 1 | ├— | | - |
| - | 99 | - | \vdash | - | 1 | ⊢ | ┼- | <u> </u> | \vdash | - |
| L | 100 | Щ. | L., | 1 | L., | L | J | | | |

| Cla | 4 | È | | | | Date | | | _ | \neg | |
|-------|---------------------------------|----------|---|--------------|--|--|----------|--------------|--|----------|----------|
| Ula | Original | 7 | T | | | | | ĺ | - | | \dashv |
| _ | <u> </u> | Ö | 1 | | | | | | | | |
| Final | gi | 3 | : | | | | | | | - | |
| iΞ | 5 | 1 | J | | | | | | | | |
| | | 4 | | | | | | | | | |
| | 101 102 | | ١ | | _ | | | | | | |
| | 102 | | T | | | | | | | | |
| | 103 | | 1 | | | | | | | | |
| | 104 | | 1 | | _ | - | | | | \neg | ヿ |
| | 105 | \vdash | 1 | | - | | _ | | | | |
| | 106 | ┝ | 1 | | \vdash | | \vdash | | | \neg | |
| | 107 | ⊢ | ┨ | | - | | \vdash | - | \vdash | | - |
| | 107 | ⊢ | + | | | _ | | _ | | - | - |
| | 108 | - | 4 | | <u> </u> | _ | ├— | \vdash | | - | - |
| | 109 | _ | 4 | | - | - | <u> </u> | - | | | |
| | 110 | _ | 4 | | | <u> </u> | ļ | _ | | | |
| | 111 | | 4 | | L | _ | | <u>.</u> | | | |
| | 112 | L | _ | | L., | | | L | | | Ш |
| | 111 112 113 114 115 | L | | | L | | | <u> </u> | <u> </u> | | |
| | 114 | Ĺ | | | | L | L | L | | | |
| | 115 | | | | | | | | | | |
| | 116 | T- | 1 | | | | | <u> </u> | | | |
| | 117 | Г | 1 | _ | | \vdash | | <u> </u> | | | \sqcap |
| | 118 | 1 | 7 | | T | | | _ | - | П | H |
| | 119 | J | 4 | | - | | | 1 | | | \vdash |
| | 120 | ŀ | - | _ | - | \vdash | | | | _ | _ |
| | 120 | ┢ | - | | - | | - | | - | _ | |
| | 121 | ├ | 4 | | | | - | | | <u> </u> | |
| | 122 | ↓ | 4 | | <u> </u> | ļ | <u> </u> | | <u> </u> | _ | Щ |
| | 122 123 124 | <u> </u> | | | <u> </u> | ļ | _ | <u> </u> | | | |
| | 124 | L | | | | L_ | | <u> </u> | | | Ш |
| | 125 126 127 | | , | L | | | | L | | | |
| | 126 | V | | | | L | | | | | |
| | 127 | 1 | 1 | | | | 1 | | l | | |
| | 128 | Γ | | | | | | | | | |
| | 129 | V. | ′ | | | Γ | | | | | |
| | 130 | \sqcap | | | T | T | | | - | | |
| | 130 131 | Н | | <u> </u> | | | | T | <u> </u> | | П |
| | 132 | H | ۲ | \vdash | | t | T | \vdash | Η- | | \vdash |
| | 133 | Н | - | | - | | \vdash | \vdash | | | \vdash |
| | 134 | H | H | - | \vdash | \vdash | \vdash | \vdash | - | \vdash | \vdash |
| | 134 | Н | L | | \vdash | \vdash | ├- | - | +- | - | ⊢⊣ |
| | 135 | H | _ | ├- | | - | \vdash | ₩ | \vdash | \vdash | \vdash |
| | 136 | H | _ | - | - | | ļ | | ├ | <u> </u> | H |
| | 137 | \sqcup | _ | | - | | - | ₩ | \vdash | \vdash | \vdash |
| | 138 139 | П | | | <u> </u> | 1 | 1 | | <u> </u> | <u> </u> | \sqcup |
| | 139 | Ц | _ | ļ | <u> </u> | | ! | | _ | _ | |
| | 140 | Щ | | | L | 1_ | 1_ | | _ | | Ш |
| | 141 | Ц | _ | L | L | | | | | | \Box |
| | 142 | 3 | _ | ļ _ | | | | | [_ | | |
| | 143 | T | _ | | | | | | | | |
| | 144 | T | _ | | | 1 | Γ | Г | \vdash | T | |
| | 145 | t | | 1- | 1- | 1 | T- | \top | T | | П |
| | 146 | t | - | | +- | - | \vdash | T | 一 | \vdash | H |
| | 147 | +- | - | \vdash | +- | + | \vdash | +- | \vdash | | \vdash |
| | 148 | + | _ | - | \vdash | + | + | \vdash | \vdash | | \vdash |
| | | ┼ | | \vdash | - | ₩ | - | \vdash | \vdash | \vdash | |
| | 149 | ╄ | _ | - | | +- | - | \vdash | _ | \vdash | \vdash |
| | 150 | L | | | <u></u> | 丄 | 1_ | L | <u>L_</u> | L | L |
| | | | | | | | | | | | |